

3.6.1.6 PEDESTRIAN LOADS

For the Strength and Service Limit States, the pedestrian and vehicular live loading (HL-93) shall be placed as stated in the commentary of article 3.6.1.1.2.

For the case of the vehicular live loading (HL-93) mounting the sidewalk, an Extreme Event-III load combination is to be used. The vehicular live loading is to consist of one loaded lane, with distribution factors determined by the lever rule, and on narrow bridges the rotation of the bridge cross section.

Extreme Event-III: $\gamma_p \cdot DC + \gamma_p \cdot DW + 1.75 \cdot (LL + IM)$
 $\phi = 1.0$
 M.P.F. = 1.20

